

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 12784  
Application ID: 09682895  
Title of Invention: INTEGRATED MICROMACHINED  
FILTER SYSTEMS AND METHODS  
First Named Inventor: Peter Gulvin  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-10-30  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 109177  
Digital Certificate Holder: cn=Thomas J. Pardini, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S. Government,  
c=US  
Certificate Message Digest: nFPNBS2EJCtkAqDRqzjyNg==  
Total Fees Authorized: \$1164.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 240037  
Deposit Account Name: Thomas J. Pardini

# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 109177

## INTEGRATED MICROMACHINED FILTER SYSTEMS AND METHODS

First Named Inventor: Peter M. Gulvin

### SUBMITTED BY

Name:

Thomas J. Pardini

Registration Number:

30,411

Electronic Signature Mark: /Thomas J.  
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Date Signed: 20011030

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal

X109177apds.xml

fee-transmittal

X109177fee.xml

patent-assignment

X109177asgn.xml

specification

ob109177.xml

declaration

Dec.tif

### Attached Image File(s):

Dec.tif

**Comments:**

[illegible]

# **APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:  
 My residence, post office address and citizenship are as stated below next to my name; that  
 I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint  
 inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the  
 invention entitled:  
INTEGRATED MICROMACHINED FILTER SYSTEMS AND METHODS

described and claimed in the specification:

**Check one**

- \*a. ☒ attached hereto.  
 b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims,  
 as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in  
 Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign  
 application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year  
 prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the  
 United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named  
 foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this  
 application and to transact all business in the Patent Office:

**James A. Oliff, Registration No. 27,075; William P. Berridge, Registration No. 30,024;  
 Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411;  
 Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771;  
 Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463;  
 Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025;  
 Richard E. Rice, Registration No. 31,560; Mark Costello, Registration No. 31,342;  
 Don L. Webber, Registration No. 34,275; Ronald F. Chapuran, Registration No. 26,402;  
 Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145;  
 and/or Richard B. Domingo, Registration No. 36,784.**

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF &  
 BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein  
 of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these  
 statements were made with the knowledge that willful false statements and the like so made are punishable by fine or  
 imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may  
 jeopardize the validity of the application or any patent issued thereon.

**1**    *Typewritten Full Name  
 of First or Sole Inventor*

Peter	M.	GULVIN
Given Name	Middle Initial	Family Name

**2**    **\*\*INVENTOR'S SIGNATURE:**

*Peter M. Gulvin*

**3**    **\*\*DATE OF SIGNATURE:**

October	26	2001
Month	Day	Year

Residence:

Webster

New York

USA

City

State or Province

Country

Citizenship:

USA

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mailing address,

11 Green Pine Lane, Webster, New York, 14580

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1164**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 24-0037  
Deposit Account Name: Xerox Corporation



## SUBMITTED BY

Authorized Name: Thomas J. Pardini  
Electronic Signature Mark: /Thomas J. Pardini  
Date Signed: 20011030

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 32	103	\$ 18	12	\$ 216
Independent Claims: 5	102	\$ 84	2	\$ 168

Subtotal For Extra Claims Fees: \$ 384

## ADDITIONAL FEES

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Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40